

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	(colloidal near dispers \$3) and (rare near earth near compound) and particle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:56
S2	17	(colloidal near dispers \$3) and (rare near earth near compound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:56
S3	14	S1 and S2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:57
S4	17	S1 S2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:57
S5	2	S4 and (cerium same acid same (organic near phase))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:59
S6	13	S4 and (cerium and acid and organic and phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 09:59
S7	17	S6 S4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:00
S8	2	S7 and (anti\$1oxidant and agent and phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:01
S10	2	S7 and anti\$1oxidant	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:01
S11	5	S7 and (anti\$1oxidant preserv\$5 decompos\$5 ferment\$5 decay)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:05
S12	17	S11 S7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:05
S13	3	S12 and (phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:06
S14	17	S12 S13	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:06

S15	6	S14 and (diesel)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:07
S16	17	S14 S15	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:07
S17	2	S16 and (internal near combustion near engine)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:07
S18	17	S16 S17	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:08
S19	8	S18 and internal	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:08
S20	17	S18 S19	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:08
S21	4	S20 and engine	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:08
S22	17	S21 S20	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:08
S23	9	S22 and additive	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:10
S24	17	S23 S22	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:10
S25	1	S24 and ((butyl near phenol) (paracresol) (methoxy near phenol))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:12
S26	911	(di near tert near butyl near phenol) (di near tert near paracresol) (di near tert near methoxy near phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:13
S27	15	S26 and (tocopherol and (cerium lanthanum yttrium neodymium gadolinium praseodymium))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:15
S28	1	S24 and S27	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:16

S29	31	S24 S27	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:16
S30	4	S29 and (crystall\$5 and (fatty near acid))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:18
S31	31	S29 S30	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:18
S32	0	S31 and (fattay near acid)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:18
S33	9	S31 and (fatty near acid)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:18
S34	31	S31 S33	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:18
S35	23	S34 and pH	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:19
S36	31	S35 S34	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/08/29 10:19
S37	14	(colloidal near dispers \$3) and (rare near earth near compound) and particle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S38	17	(colloidal near dispers \$3) and (rare near earth near compound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S39	17	S37 S38	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S40	13	S39 and (cerium and acid and organic and phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S41	17	S40 S39	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S42	5	S41 and (anti\$1oxidant preserv\$5 decompos\$5 ferment\$5 decay)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S43	17	S42 S41	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29

S44	3	S43 and (phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S45	17	S43 S44	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S46	6	S45 and (diesel)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S47	17	S45 S46	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S48	2	S47 and (internal near combustion near engine)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S49	17	S47 S48	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S50	8	S49 and internal	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S51	17	S49 S50	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S52	4	S51 and engine	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S53	17	S52 S51	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S54	9	S53 and additive	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S55	17	S54 S53	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S56	912	(di near tert near butyl near phenol) (di near tert near paracresol) (di near tert near methoxy near phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S57	15	S56 and (tocopherol and (cerium lanthanum yttrium neodymium gadolinium praseodymium))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29

S58	31	S55 S57	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S59	4	S58 and (crystall\$5 and (fatty near acid))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S60	31	S58 S59	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S61	9	S60 and (fatty near acid)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/09 13:29
S62	7	"5021173"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/10 08:31
S63	2	"5716547"	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	ON	2008/09/19 14:25
S64	16	("3024199"   "3082103" "3148151"   "3476691" "4181532"   "4231893" "4356106"   "4647401" "4770671"   "4801399" "5132048").PN. OR ("2003/0032679"   "5716547").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/19 14:27
S65	17	(colloidal near dispers \$3) and (rare near earth near compound)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:44
S66	1	S65 and antioxidant	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:44
S67	14	(colloidal near dispers \$3) and (rare near earth near compound) and particle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:45
S68	17	S67 S65	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:45
S69	13	S68 and (cerium and acid and organic and phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:45
S70	17	S69 S68	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:45

S71	2	S70 and (anti\$1oxidant and phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:45
S72	4	dispers\$3 same anti \$1oxidant same (rare near earth) same acid	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:49
S73	146	dispers\$3 and anti \$1oxidant and (rare near earth) and acid and fuel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:51
S74	22	S73 and ("252"/\$.ccls. "502"/\$.ccls. "423"/\$.ccls. "534"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 18:59
S75	70	S73 and (phenol tocopherol (aromatic near amine))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:48
S76	80	S73 and (alkyl (alkoxy near phenol))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:49
S77	16	S73 and (di near tert near butyl\$1phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:51
S78	80	S76 S77	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:51
S79	1	S73 and (di near tert near butyl near para \$1cresol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:52
S80	1	S78 and (di near tert near butyl near para \$1cresol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:54
S81	80	S80 S78	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:54
S82	0	S78 and (tert near butyl near methoxy\$1phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:56
S83	0	S81 and (tert near butyl near methoxy\$1phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:56
S84	54	S81 and (cerium, lanthanum, yttrium, neodymium, gadolinium, or praseodymium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:58
S85	36	S84 and (IIA, IVA, VIIA, VIII, IB, IIB, IIIB IVB)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 19:59

S86	6	S84 and (amphiphilic)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:01
S87	6	S85 and (amphiphilic)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:02
S88	54	S84 S85 S86 S87	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:04
S89	85	S73 and (crystal\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:08
S90	22	S88 and (crystal\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:08
S91	54	S88 S90	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:08
S92	52	S91 and ((particle near size) average mean "d. sub.50")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:18
S93	54	S92 S91	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:18
S94	10	S93 and (aggregate)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:25
S95	54	S93 S94	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:27
S96	1	S95 and ((alpha, beta, gamma, or delta) same (acid\$2 near hydrogen))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:30
S97	24	S95 and ((alpha, beta, gamma, or delta) same hydrogen)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:31
S98	54	S95 S97	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:32
S99	46	S98 and (salt)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:33
S100	54	S98 S99	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:33

S101	52	S100 and (acet\$3 or chloride)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:35
S102	54	S100 S101	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:35
S103	41	S102 and (basic medium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:37
S104	54	S102 S103	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:38
S105	41	S104 and (precipit\$5 recover\$3 spray\$3 or (freeze\$1dry\$3) (freeze near dry\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:44
S106	54	S105 S104	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:44
S107	46	S106 and ((fatty near acid) oil)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:47
S108	54	S106 S107	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:47
S109	16	S108 and (combust\$3 near engine)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:50
S110	54	S108 S109	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:50
S111	44	S110 and (stability colloidal)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:51
S112	54	S110 S111	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:51
S113	40	S112 and additive	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:52
S114	54	S112 S113	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:52
S115	1	S114 and ((Conventional near Fuel) (traditional near energy near source))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:58

S116	30	S114 and ((fossil near fuel) (petroleum, coal))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 20:59
S117	54	S114 S115 S116	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 21:00
S118	37	S117 and (propane, (natural near gas) uranium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/24 21:00
S119	147	dispers\$3 and anti \$1oxidant and (rare near earth) and acid and fuel	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S120	81	S119 and (alkyl (alkoxy near phenol))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S121	16	S119 and (di near tert near butyl\$1phenol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S122	81	S120 S121	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S123	1	S122 and (di near tert near butyl near para \$1cresol)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S124	81	S123 S122	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S125	54	S124 and (cerium, lanthanum, yttrium, neodymium, gadolinium, or praseodymium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S126	36	S125 and (IIA, IVA, VIIA, VIII, IB, IIB, IIIB IVB)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S127	6	S125 and (amphiphilic)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S128	6	S126 and (amphiphilic)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S129	54	S125 S126 S127 S128	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S130	22	S129 and (crystal\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09

S131	54	S129 S130	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S132	52	S131 and ((particle near size) average mean "d. sub.50")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S133	54	S132 S131	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S134	10	S133 and (aggregate)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S135	54	S133 S134	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S136	24	S135 and ((alpha, beta, gamma, or delta) same hydrogen)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S137	54	S135 S136	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S138	46	S137 and (salt)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S139	54	S137 S138	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S140	52	S139 and (acet\$3 or chloride)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S141	54	S139 S140	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S142	41	S141 and (basic medium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S143	54	S141 S142	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S144	41	S143 and (precipit\$5 recover\$3 spray\$3 or (freeze\$1dry\$3) (freeze near dry\$3))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S145	54	S144 S143	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09

S146	46	S145 and ((fatty near acid) oil)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S147	54	S145 S146	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S148	16	S147 and (combust\$3 near engine)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S149	54	S147 S148	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S150	44	S149 and (stability colloidal)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S151	54	S149 S150	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S152	40	S151 and additive	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S153	54	S151 S152	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S154	1	S153 and ((Conventional near Fuel) (traditional near energy near source))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S155	30	S153 and ((fossil near fuel) (petroleum, coal))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S156	54	S153 S154 S155	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S157	37	S156 and (propane, (natural near gas) uranium)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09
S158	54	S157 S156	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/09/25 09:09

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